



Term	Week	YEAR 11 PRELIMINARY PHYSICS – 2026 SCOPE & SEQUENCE
1	1	<b>Module 1 – Kinematics</b> (30 hours)
	2	Outcomes PH11/12-1, 2, 3, 4, 5, 6, 7, PH11-8
	3	Motion in a straight line
	4	Acceleration on a straight line
	5	Motion on a plane
	6	Distance and displacement in a plane
	7	Relative motion on a plane
	8	Vector analysis
	9	Major assessment: Practical Report
2	1	<b>Module 2 - Dynamics</b> (30 hours)
	2	Outcomes PH11/12-2, 4, 6, PH11-9
	3	Forces
	4	Net force in one and two dimensions
	5	Forces, acceleration and energy
	6	Acceleration of an object subject to a constant net force
	7	Momentum, energy and simple systems
	8	No major assessment
	9	<b>Module 3 – Waves and Thermodynamics</b> (30 hours)
	10	Outcomes: PH11/12-3, 4, 6, 7, PH11-10
3	1	Wave characteristics
	2	Wave behaviour
	3	Sound waves
	4	Ray model of light
	5	Thermodynamics
	6	Major assessment: Depth study
	7	<b>Module 4 – Electricity and magnetism</b> (30 hours)
	8	Outcomes: PH11/12-1, 5, 7, PH11-11
	9	Electrostatics
	10	Electric circuits
4	1	Magnetism
	2	Major assessment: Preliminary Course Examination
4	<b>HSC Course starts in Term 4 of Year 11.</b>	